

STATE OF CALIFORNIA  
CALIFORNIA ENERGY COMMISSION

Minutes of the California Energy Commission Business Meeting, April 23, 2008.

The meeting was called to order at 10:03 by Chairman Jackalyne Pfannenstiel. The Pledge of Allegiance was lead by Chairman Pfannenstiel.

Present:

Jackalyne Pfannenstiel, Chairman  
Arthur H. Rosenfeld, Commissioner  
Jeffrey D. Byron, Commissioner  
Karen Douglas, Commissioner

1. BEACON SOLAR ENERGY PROJECT (08-AFC-2). Contact: Bill Pfanner (10 minutes)
  - a. Possible approval of the Executive Director's data adequacy recommendation for Beacon Solar, LLC's Application for Certification of the Beacon Solar Energy Project, a nominal 250 megawatt (MW) concentrated solar electric generating facility proposed on an approximately 2,012-acre site in eastern Kern County, California.

*Commissioner Byron moved and Commissioner Rosenfeld seconded approval of the Executive Director's recommendation that the project be found data inadequate at this time. The vote was unanimous. (4-0)*

- b. Possible appointment of a siting committee for the Beacon Solar Energy Project.

*No action was taken on Item 1b.*

2. ROSEVILLE ENERGY PARK PROJECT (03-AFC-1C). Possible approval of a petition to modify the Energy Commission Decision for Roseville Energy Park (REP) to allow changes to the NOx emission reduction credit (ERC) sources. Roseville Electric (RE) requests the use of Volatile Organic Compound ERCs for NOx at a ratio of 2.6:1 in a manner previously stipulated in the Decision. NOx ERCs are not available in a sufficient quantity to satisfy the needs of the REP facility. Contact: Donna Stone. (10 minutes)

*Commissioner Byron moved and Commissioner Douglas seconded approval of the petition. The vote was unanimous. (4-0)*

3. COLUSA GENERATING STATION (06-AFC-9). Possible adoption of the Presiding Member's Proposed Decision, and Errata, for the Colusa Generating Station, a nominal 660 megawatt combined cycle power plant to be located in Colusa County. Contact: Raoul Renaud. (10 minutes)

*Commissioner Byron moved and Commissioner Rosenfeld seconded approval of the Presiding Member's Proposed Decision and Errata, thereby granting a certificate to the project. The vote was unanimous. (4-0)*

4. MEXICAN MINISTRY OF ENERGY (SECRETARIA de ENERGIA). Possible approval of Memorandum of Understanding 600-07-003 to establish a formal collaboration between the Energy Commission and Mexico's Energy Ministry to address the challenges posed by energy supply and demand, climate change, and the development of energy and transport infrastructure in Mexico and the California border. Contact: Enrique Manzanilla. (15 minutes)

*Item 4 was removed from the agenda.*

5. BIOPOWER RD&D GRANTS. Possible approval of two proposals totaling \$699,357 in response to the Public Interest Energy Research (PIER) Renewables Program 2007 *Biopower RD&D Grant Solicitation*. Contact: Valentino Tiango. (20 minutes)
  - a. Growpro Inc., d.b.a. Cal-Forest Project (\$199,500): Develop and Operate a Wood Gasification System in a Commercial Environment in Northern California. The project will demonstrate gasification technology for combined heat and power applications in greenhouses, using forest residue removed to reduce wildfire potential. The system will be upgraded with automated fuel dryer, feeding system, and controls.
  - b. University of California San Diego Projects: Power Generation Using Advanced Thermochemical Gasification of Biomass (\$499,857): The project will demonstrate the integrated co-generation of power and high value-added product (primarily ethanol) using forest residue.

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of the two Biopower grant proposals. The vote was unanimous. (4-0)*

6. DEPARTMENT OF FINANCE. Possible approval of Contract 200-07-007 for \$150,000 with the Department of Finance (DOF) to audit the Public Interest Energy Research (PIER) Program. DOF will review the Energy Commission's operation of the PIER program, provide recommendations for improvement, issue a report on any deficiencies, and recommend corrective action. (ERPA funding.) Contact: Susan Aronhalt. (5 minutes)

*Commissioner Byron moved and Commissioner Rosenfeld seconded approval of Contract 200-07-007. The vote was unanimous. (4-0)*

7. SHASTA-TEHAMA-TRINITY JOINT COMMUNITY COLLEGE DISTRICT. Possible approval of a \$1,368,646 loan for energy efficiency upgrades, including replacement of five central plants and the retrofit of several lighting systems at Shasta College. Total project cost is \$3,106,661, with utility rebates estimated at \$258,264. The project is estimated to save the college approximately 981,009 kWh, 386 kW in electric demand and 8,389 therms, totaling \$136,865 in reduced annual energy costs. This project has a simple payback of 10 years based on the loan amount. (ECAA and/or ECAA bond funded). Contact: Amir Ehyai. (10 minutes)

*Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the loan to Shasta-Tehama-Trinity Joint Community College District. The vote was unanimous. (4-0)*

8. AUTODESK, INC. Possible approval of agreement ROY-07-001 with Autodesk, Inc., to pay the Energy Commission \$1,986,188 for a royalty buyout. The Energy Commission funded the original public interest energy research for \$993,099 to develop an advanced building energy simulation service for computer assisted design software. The proposed payment, which is double the Energy Commission's original investment, fulfills the royalty provisions in three previous research agreements with Green Building Studio Inc. and will be deposited in the PIER Account to fund future research projects. Autodesk, Inc. is a world leader in 2D and 3D design software for the manufacturing, building and construction, and media and entertainment markets. Contact: Norm Bourassa. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of agreement ROY-07-001. The vote was unanimous. (4-0)*

9. WATEREUSE FOUNDATION Possible approval of Contract 500-07-038 for up to \$650,000 with WateReuse Foundation for research and development projects that will improve energy efficiency of water reuse. Commission staff will be on the selection committee for energy efficiency projects that result from a competitive solicitation by WateReuse Foundation. WateReuse Foundation will provide match funding of \$650,000. (PIER electricity funding.) Contact: Paul Roggensack. (10 minutes)

*Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of Contract 500-07-038. The vote was unanimous. (4-0)*

10. 2008 BUILDING ENERGY EFFICIENCY STANDARDS. Possible approval of an Initial Study and adoption of a Proposed Negative Declaration for the environmental analysis for the 2008 *Building Energy Efficiency Standards*. Contact: Rob Hudler. (10 minutes)

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of the Proposed Negative Declaration. The vote was unanimous. (4-0)*

11. 2008 BUILDING ENERGY EFFICIENCY STANDARDS (07-BSTD-1). Possible adoption of the 2008 *Building Energy Efficiency Standards* and supporting documents published as Express Terms of Proposed Regulations (15-Day Language) dated April 7, 2008. Contact: Mazi Shirakh. (30 minutes)

*Commissioner Rosenfeld moved and Commissioner Byron seconded adoption of the 2008 Building Energy Efficiency Standards. The vote was unanimous. (4-0)*

12. AB 2021 REPORT. Possible approval of *Recommended Strategic Plan to Transform the Existing HVAC Industry and Achieve Additional Peak Savings, Sustainable Profitability and Increased Customer Comfort*, pursuant to AB 2021(Levine, Chapter 734, Statutes of 2006). Contact: Valerie Hall. 10 minutes.

*Item 12 was moved to the May 7, 2008, Business Meeting Agenda.*

13. **Minutes** – Approval of the April 16, 2008, Business Meeting Minutes.

*Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the minutes. The vote was unanimous. (4-0)*

14. **Commission Committee Presentations/Discussion** – None.
15. **Chief Counsel's Report** – None.
16. **Executive Director's Report** – None.
17. **Legislative Director's Report** – Acting Legislative Director Marni Weber gave the report.
18. **Public Adviser's Report** – None.
19. **Public Comment** – None.

Appearances:

Ms. Jane Luckhardt, Downey Brand LLP

Mr. Scott Galati, Galati Blek LLP

Mr. Patrick Splitt, APP-TECH, Inc.

Mr. William Callahan, Jr., Associated Roofing Contractors

Ms. Marty Dunham, Enterprise Roofing Service, Inc.

Mr. Erik Emblem, Sheet Metal and Air Conditioning National Association

Mr. Bob Raymer, California building Industry Association

Mr. Reed Hitchcock, Asphalt Roofing Manufacturers Association

Mr. Michael Hindus, Pillsbury Winthrop Straw Pittman LLP

Mr. Jeff Ferrell, California Division of Occupational Safety and Health

Mr. Craig Lease, L & L Supplies, Inc.

There being no further business, the meeting was adjourned at 12:35.

Respectfully submitted,

HARRIET KALLEMEYN  
Secretary to the Commission